

| | | | | |
|---------------------|----------|------------------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 1374 | 1000 | COOK | 20 | 20 |
| STA. | TO STA. | | | |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT | D-91-106-07 | |

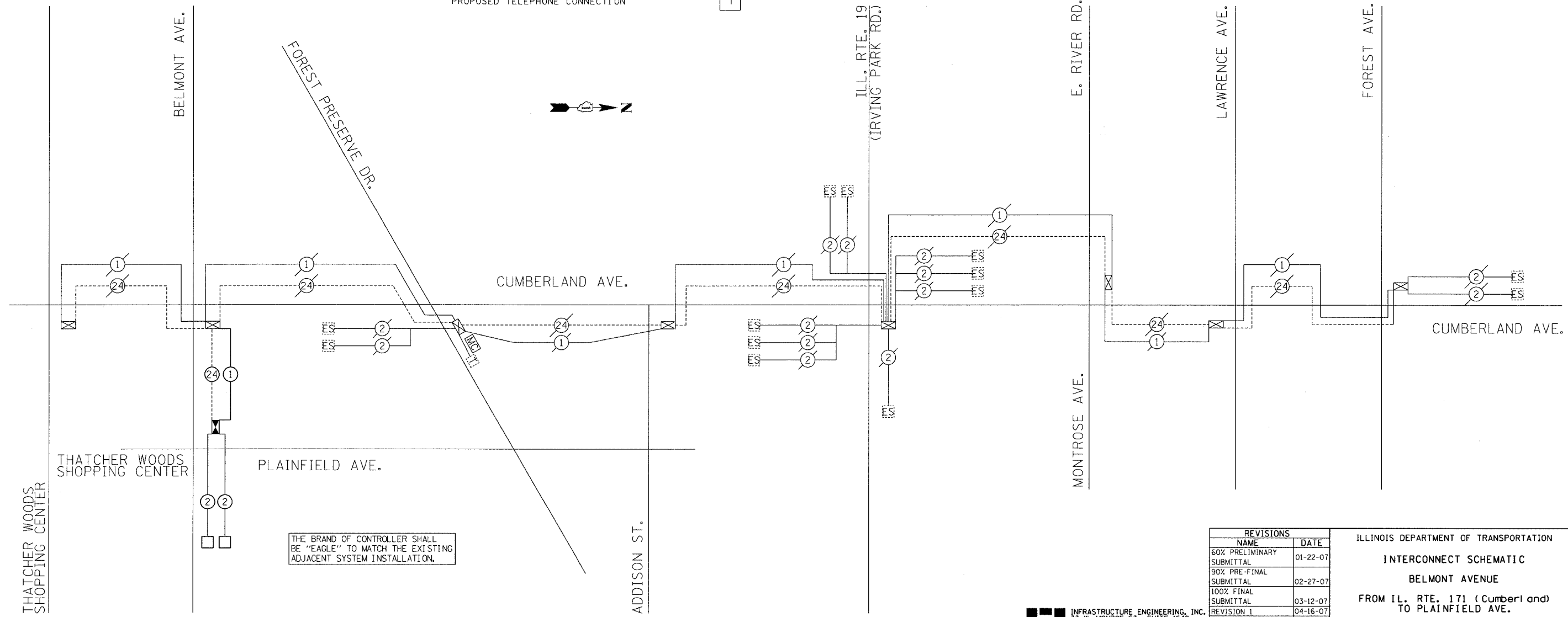
INTERCONNECT SCHEMATIC LEGEND

- EXISTING INTERSECTION CONTROLLER X
- PROPOSED INTERSECTION CONTROLLER X
- EXISTING MASTER CONTROLLER EMC
- PROPOSED MASTER CONTROLLER PMC
- MASTER MASTER CONTROLLER MMC
- EXISTING INTERSECTION & SAMPLING (SYSTEM) DETECTORS □
- PROPOSED INTERSECTION & SAMPLING (SYSTEM) DETECTORS □
- EXISTING INTERSECTION LOOP DETECTORS P
- PROPOSED INTERSECTION LOOP DETECTORS P
- EXISTING SAMPLING (SYSTEM) DETECTORS ES
- PROPOSED SAMPLING (SYSTEM) DETECTORS PS
- EXISTING SAMPLING (SYSTEM) DETECTORS, PROPOSED INTERSECTION AND SAMPLING (SYSTEM) DETECTORS. ESP
- EXISTING SAMPLING (SYSTEM) DETECTORS, PROPOSED SAMPLING (SYSTEM) DETECTORS. ESPS
- EXISTING PREFORMED INTERSECTION & SAMPLING (SYSTEM) DETECTORS PD
- PROPOSED PREFORMED INTERSECTION & SAMPLING (SYSTEM) DETECTORS PD

- EXISTING SAMPLING (SYSTEM) PREFORMED DETECTORS ESPD
- PROPOSED SAMPLING (SYSTEM) PREFORMED DETECTORS PSPD
- EXISTING FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MMI2F SM12F 24
- PROPOSED FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MMI2F SM12F 24
- EXISTING INTERCONNECT CABLE - NO. 62.5/125 12F FIBER OPTIC CABLE 12
- PROPOSED INTERCONNECT CABLE - NO. 62.5/125 12F FIBER OPTIC CABLE 12
- EXISTING INTERCONNECT CABLE - NO. 18 3 PAIR TWISTED, SHIELDED 6
- PROPOSED INTERCONNECT CABLE - NO. 18 3 PAIR TWISTED, SHIELDED 6
- EXISTING LOOP DETECTOR CABLE 2/C TWISTED, SHIELDED 2
- PROPOSED LOOP DETECTOR CABLE 2/C TWISTED, SHIELDED 2
- EXISTING ELECTRIC CABLE, 1/C (NO. 10 OR AS SPECIFIED) 1
- PROPOSED ELECTRIC CABLE, 1/C (NO. 14 OR AS SPECIFIED) 1
- EXISTING TELEPHONE CONNECTION T
- PROPOSED TELEPHONE CONNECTION T

SCHEDULE OF QUANTITIES

| PAY ITEM | UNIT | QUANTITY |
|---|------|----------|
| CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL | FOOT | 491 |
| CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL | FOOT | 103 |
| HANDHOLE | EACH | 1 |
| TRENCH AND BACKFILL FOR ELECTRICAL WORK | FOOT | 491 |
| DRILL EXISTING HANDHOLE | EACH | 1 |
| ELECTRIC CABLE IN CONDUIT TRACER, NO. 14 1C | FOOT | 793 |
| FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MMI2F SM12F | FOOT | 793 |



THE BRAND OF CONTROLLER SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM INSTALLATION.

PLOT DATE = 04/16/07
 FILE NAME = #FILE#
 PLOT SCALE = #SCALE#
 USER NAME = #USER#

INFRASTRUCTURE ENGINEERING, INC.
 33 W. MONROE ST., SUITE 1540
 CHICAGO, IL 60603-5322
 PHONE 312.425.9560
 FAX 312.425.9564

| REVISIONS | |
|---------------------------|----------|
| NAME | DATE |
| 60% PRELIMINARY SUBMITTAL | 01-22-07 |
| 90% PRE-FINAL SUBMITTAL | 02-27-07 |
| 100% FINAL SUBMITTAL | 03-12-07 |
| REVISION 1 | 04-16-07 |

ILLINOIS DEPARTMENT OF TRANSPORTATION
INTERCONNECT SCHEMATIC
BELMONT AVENUE
FROM IL. RTE. 171 (Cumberland) TO PLAINFIELD AVE.
 VERT. NONE
 HORIZ. NONE
 DATE 04-16-07
 DRAWN BY TPC
 DESIGNED BY TPC
 CHECKED BY ER